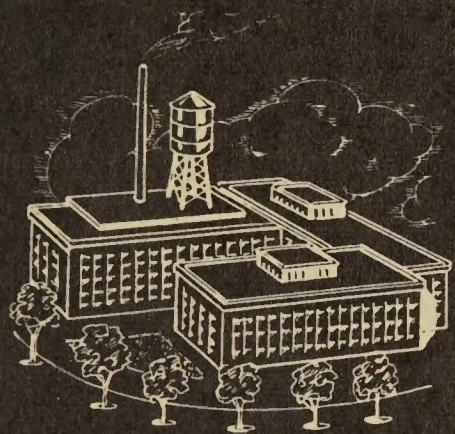
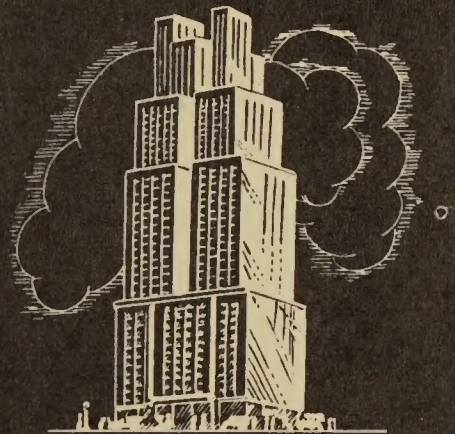


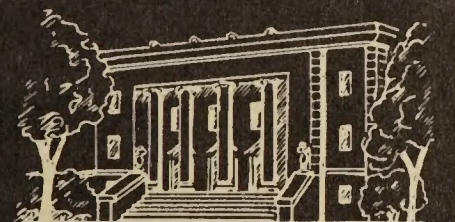
Modernlite



FACTORIES



OFFICES



INSTITUTIONS



STORES

JUL 5 - 1949

FLUORESCENT LIGHTING UNITS

*manufactured
by*

Modern Light and Equipment Co.
1122 South Michigan Ave., Chicago
TELEPHONE WABASH 3547

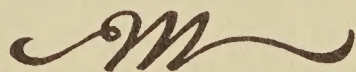


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Catalog Number 40
Fall 1940

General Information And Data

- Terms of Payment are 2%—10 Days, Net 30 Days. From concerns not rated, we require 25% deposit with the order, balance to be shipped C.O.D.
- Prices do not include lamps.
- All prices are quoted F.O.B. Chicago, Illinois.
- When ordering be sure to include shipping instructions.
- All fixtures come completely wired ready for use.
- If fixtures are desired unwired, specify accordingly and deduct 40c per lamp from the price of the fixtures ordered.
- All multiple units are power factor corrected and are equipped with lamp-starting compensators.
- Orders will be filled with units for operation on 110 volt A.C. unless otherwise specified.
- D.C. fixtures available only in the 20 watt units. Add \$1.50 net per lamp for D.C. resistor on NC fixtures. Add 50c net per lamp for resistance cord on "A" fixtures.
- All fixtures come equipped with outside renewable starter switches. Easily accessible. No trouble to change.
- All ballasts are mounted on rubber grommets to eliminate vibration.
- 50 cycle ballasts supplied, when specified at prices quoted upon application.
- 30 and 40 watt fixtures supplied on special order with 220-250 volt ballasts or 199-216 volt ballasts at no extra charge.
- All MODERNLITE Fluorescent fixtures bear metal name plate with manufacturers specifications thereon.
- All units shipped in individual cartons.
- All prices are subject to change without notice.
- Our engineering and designing staff is ready at all times to offer free engineering and layout service on any of your fluorescent lighting problems. Send us details or specifications and we will be glad to submit blueprints outlining the most efficient and economical solutions to your problems—of course, there is no obligation.

FLUORESCENT LAMPS

DIMENSIONS, ELECTRICAL DATA AND PRICES

	18-inch T-8	24-inch T-12	36-inch T-8	48-inch T-12
Nominal Lamp Watts†	15	20	30	40
Nominal Lamp Amperes	0.30	0.35	0.33	0.42
Nominal Lamp Volts	56	62	103	108
Circuit Voltages	110-125	110-125	{ 199-216 220-250 110-125 }	{ 199-216 220-250 110-125 }
Diameter	1"	1½"	1"	1½"
Rated Laboratory Life, Hrs.	2500	2500	2500	2500
List Price, Daylight or White‡	\$.95	1.25	1.25	1.90

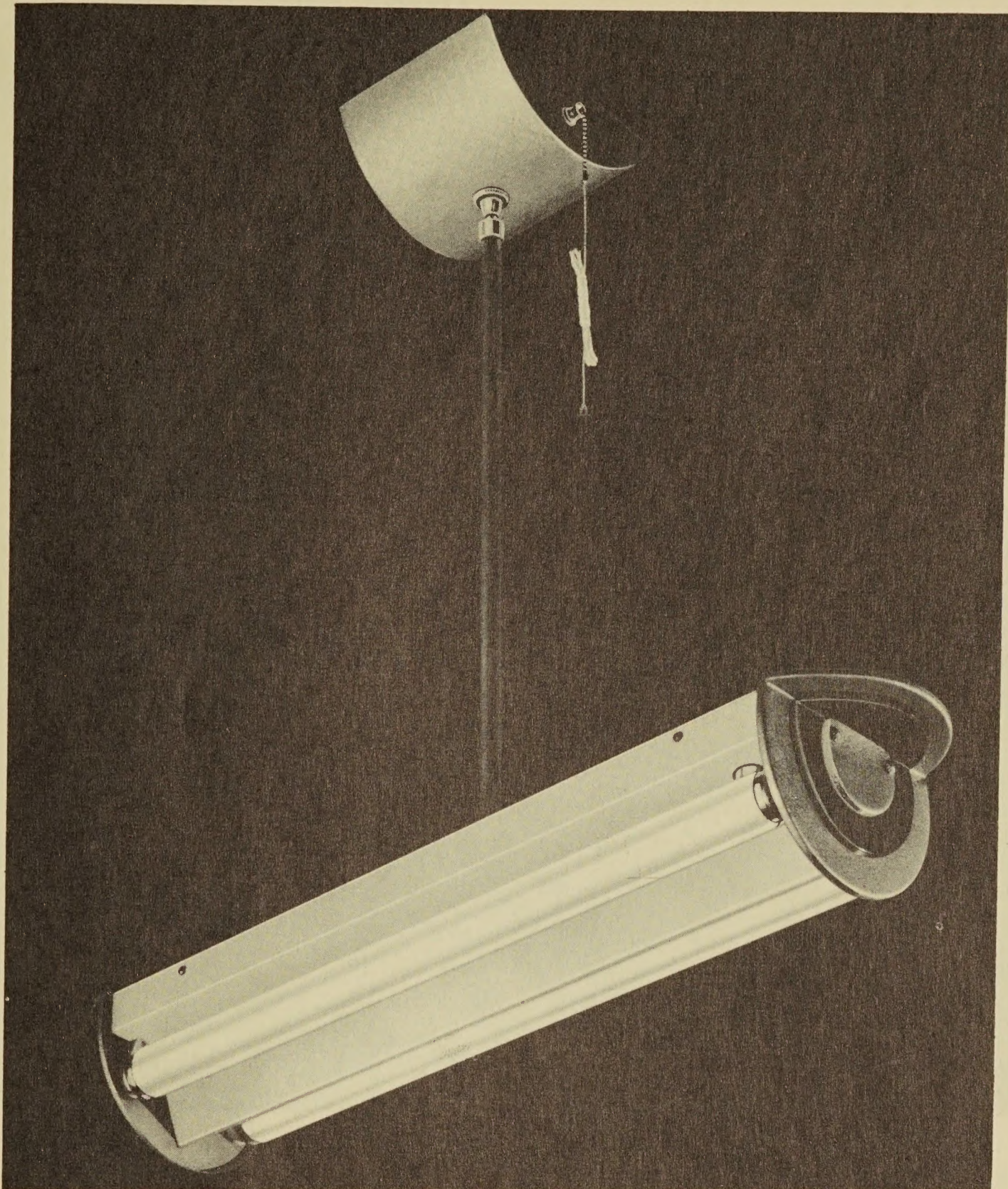
LUMEN OUTPUTS AND BRIGHTNESSES

	Lumens	Foot-Lamberts*	Lumens	Foot-Lamberts*	Lumens	Foot-Lamberts*	Lumens	Foot-Lamberts*
Daylight	495	1750	760	1400	1230	2125	1800	1480
White	585	2050	900	1650	1440	2475	2120	1750
Blue	315	1125	460	850	780	1350	....	....
Green	900	3200	1300	2400	2250	3900	....	....
Pink	300	1050	440	800	750	1300	....	....
Gold	375	1650	540	1000	930	1600	....	....
Red	45	160	60	110	120	210	....	....

† Add auxiliary watts for total.
‡ Blue, Green or Pink at 10 cents list additional. Red or Gold at 20 cents list additional.
* Maximum values at center of lamp perpendicular to the lamp. 1 candle/sq. in. = 452 foot lamberts.

Modern Light and Equipment Company
designers and manufacturers

1122 So. Michigan Ave. Chicago Telephone Wabash 3547



Models NC

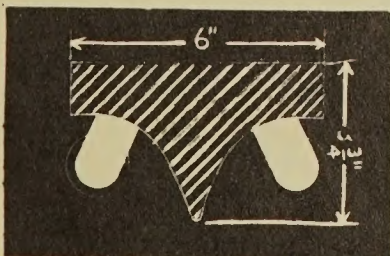
Modernlite 2 Lamp Drop Ceiling Fluorescent Fixtures

The *MODERNLITE* Fluorescent NC fixtures are designed and engineered with the view of affording beauty in appearance plus maximum reflecting quality. These fixtures have been scientifically made to give each fluorescent lamp its own individual parabolic reflector thus assuring maximum illumination together with an all-over distribution of light unequalled by other fluorescent fixtures.

They are sturdily made and are finished in a high quality reflecting baked white enamel. Ornamental set-back ends in attractive contrasting colors enhance the beauty of the fixtures.

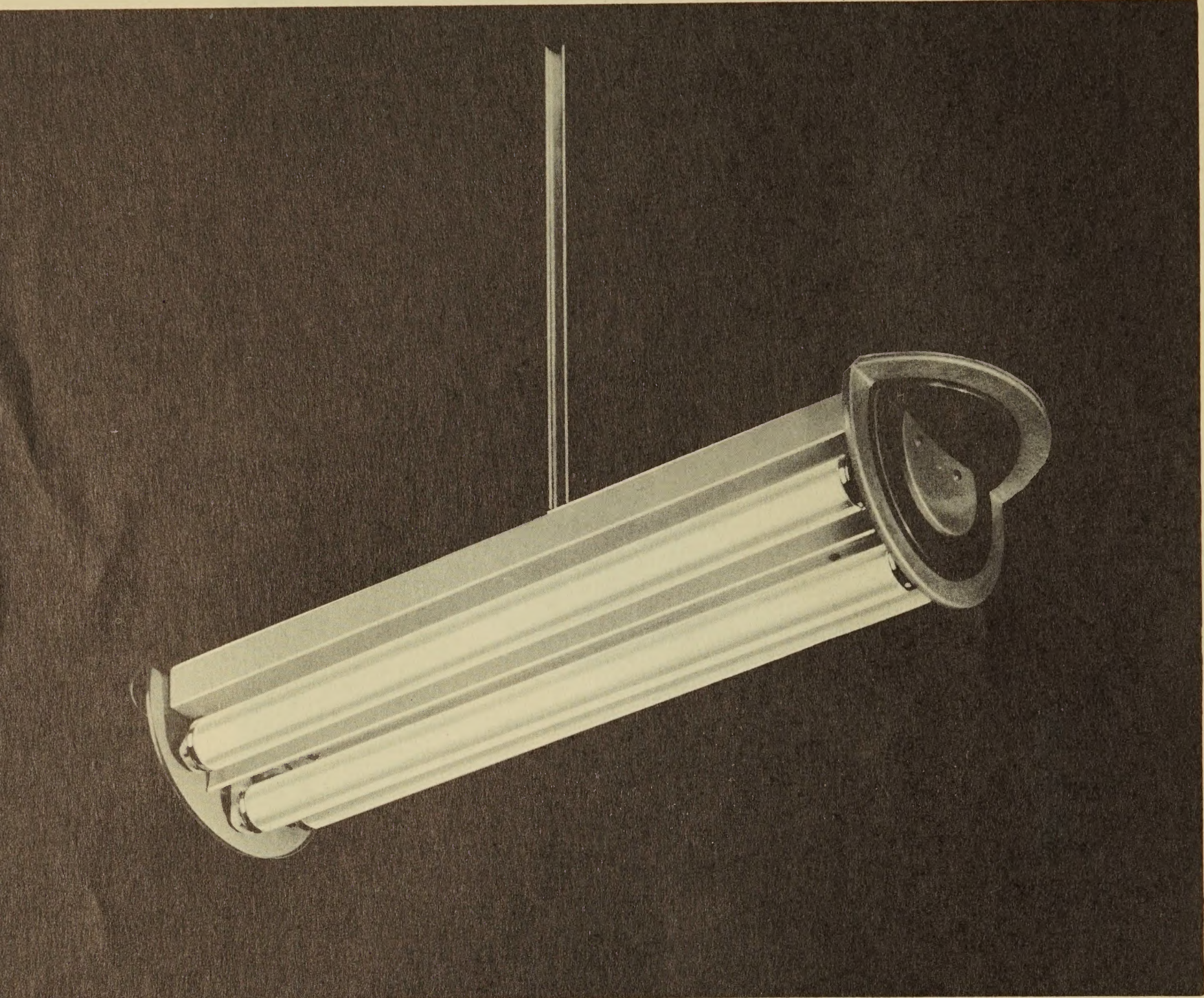
All NC fixtures come equipped with single stem and canopy for 20 watt fixtures and with two stems and canopy for 30 and 40 watt fixtures. Canopies are equipped with individual built-in pull switches unless otherwise specified.

Stems for hanging NC Units come in the following lengths:—12 inches—24 inches—33 inches—48 inches. Please specify length desired.



Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
NC220	2	24"—20W	29½"	6¾"	4¾"	21 lbs.	110-125V	95-100%	\$29.80
NC230	2	36"—30W	41½"	6¾"	5¾"	32 lbs.	110-125V	95-100%	34.20
NC240	2	48"—40W	54¼"	6¾"	5¾"	37 lbs.	110-125V	95-100%	35.80

Prices do not include lamps.



Models NC

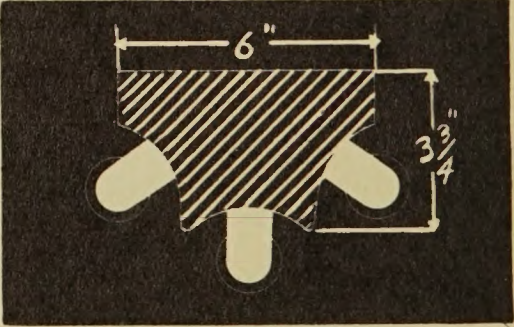
Modernlite 3 Lamp Fluorescent Units

Under the cool, glareless soft light of *MODERNLITE* NC drop ceiling fixtures, employee efficiency is substantially increased. Body fatigue, eye strain and discomfort from radiant heat is reduced to a minimum.

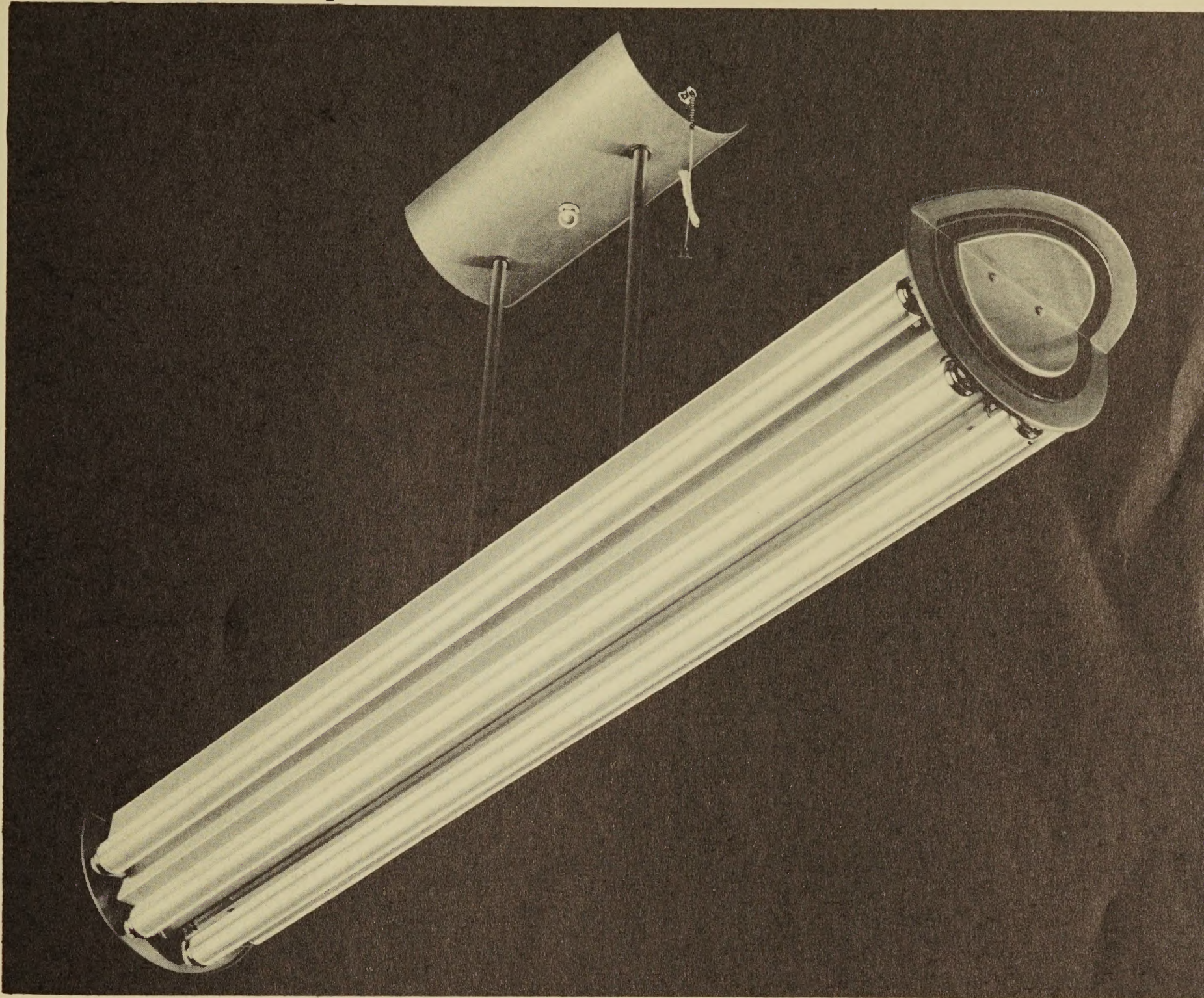
MODERNLITE fluorescent fixtures come completely assembled and wired, ready for immediate hanging and use.

Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
NC320	3	24"-20W	31¼"	7½"	5¼"	24 lbs.	100-125V	85%	\$35.70
NC320	3	24"-20W	31¼"	7½"	5¼"	24 lbs.	110-125V	95%	39.20
NC330	3	36"-30W	42½"	7½"	5¼"	35 lbs.	110-125V	85%	43.75
NC330	3	36"-30W	42½"	7½"	5¼"	35 lbs.	110-125V	95%	46.95
NC340	3	48"-40W	55"	7½"	5½"	42 lbs.	110-125V	85%	45.60
NC340	3	48"-40W	55"	7½"	5½"	42 lbs.	110-125V	95%	48.80

Prices do not include lamps.



Drop Ceiling 4 Lamp Units

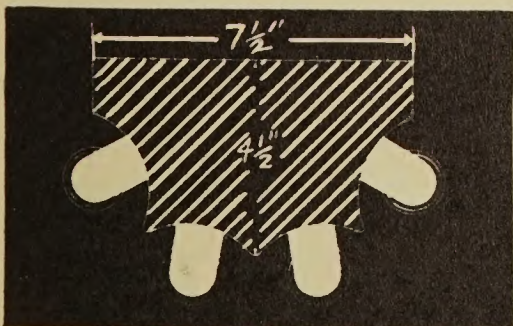


Models NC

Modernlite 4 Lamp Drop Ceiling Fluorescent Fixtures

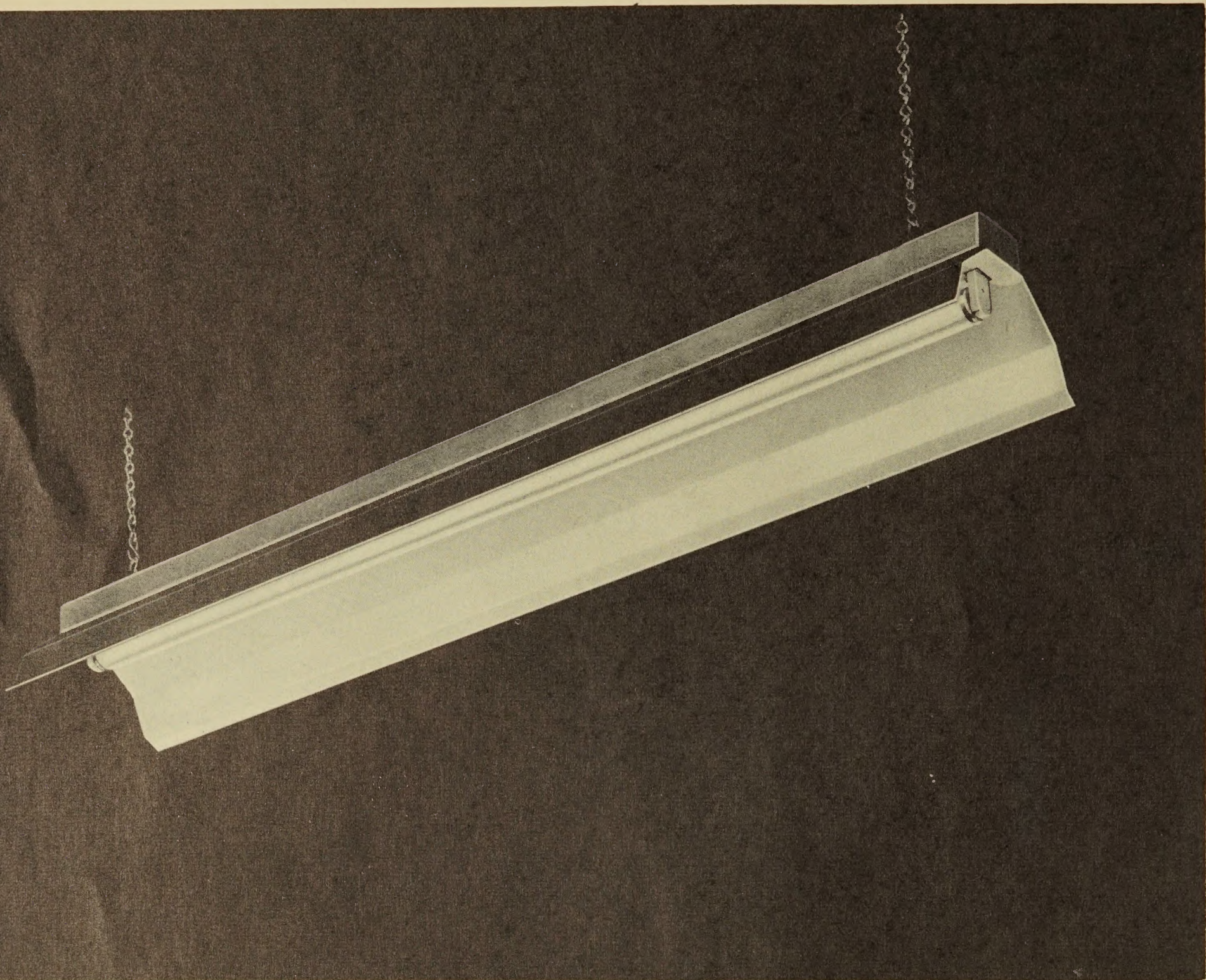
The *MODERNLITE* NC fluorescent fixtures are designed for use in offices, stores, institutions, hotels or wherever economical lighting is desired.

Fluorescent illumination is talked of today as the most amazing step forward in lighting. Those who adopt it, find their customers and public enthusiastic.



Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
NC420	4	24"-20W	32 1/2"	10"	6 1/2"	28 lbs.	110-125V	95-100%	\$46.60
NC430	4	36"-30W	44 1/2"	10"	6 1/2"	43 lbs.	110-125V	95-100%	54.95
NC440	4	48"-40W	57 1/2"	10"	6 1/2"	51 lbs.	110-125V	95-100%	55.95

Prices do not include lamps.



Models OE 140
Modernlite Fluorescent 1 Lamp Streamlumers

The *MODERNLITE* Streamlumer Fluorescent units provide a new and basically different conception of illumination which must be experienced to be appreciated.

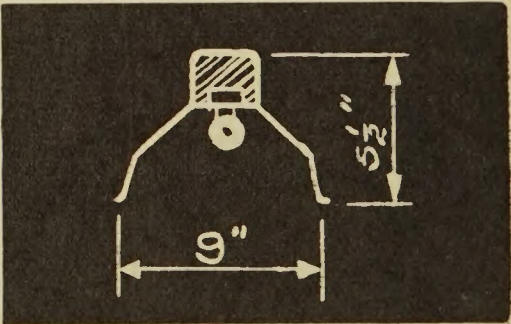
This new miracle of light is restful to the eyes: free from dark shadows and unnatural bright re-

flections, and affords a "cold" light without annoying heat radiation.

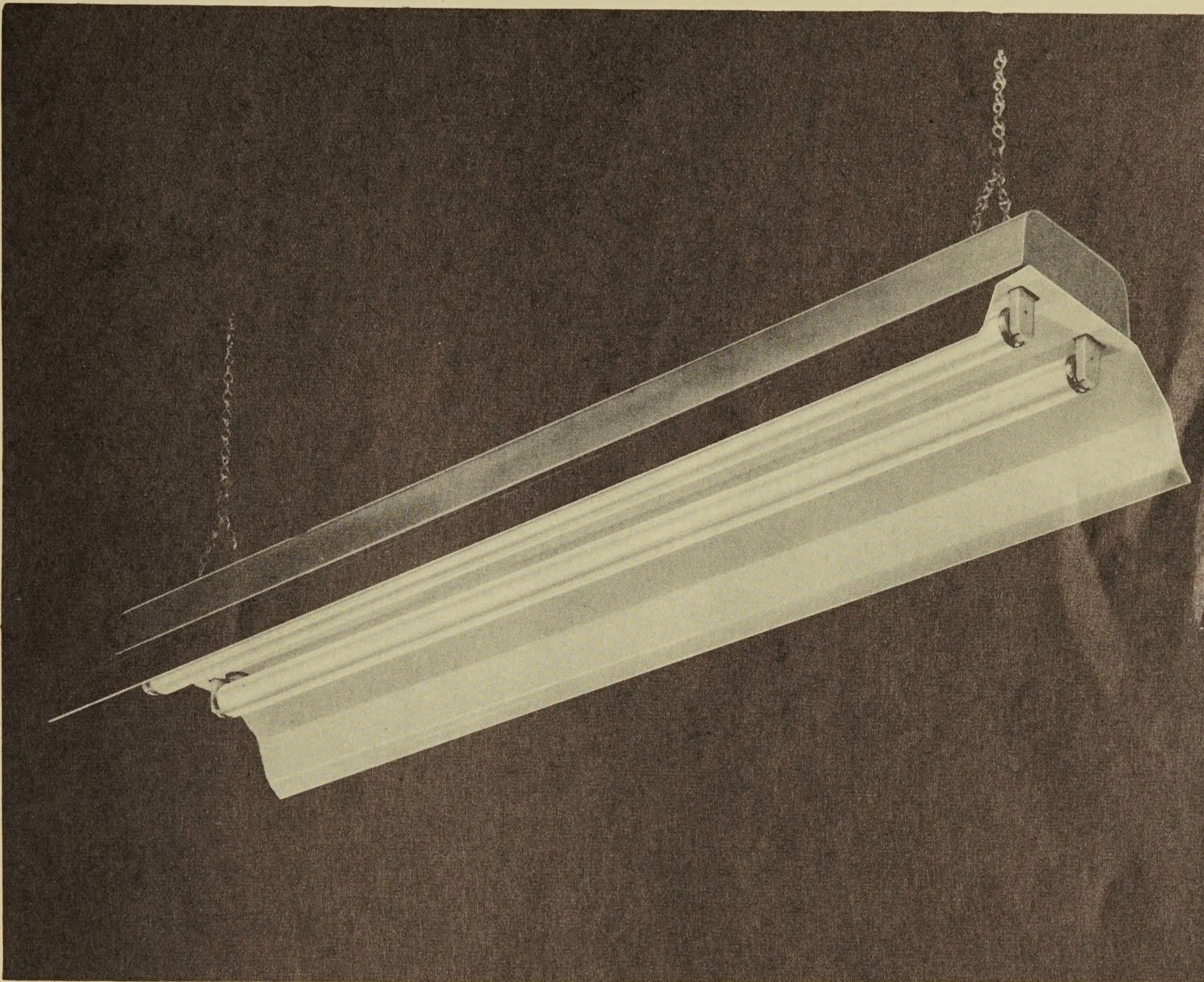
MODERNLITE'S new advanced Model OE Streamlumers with their permanent white porcelain enamel reflectors utilize the high lumen output of one, two or three 48" (40 watt) Fluorescent lamps and supply the most efficient illumination for industrial and utilitarian locations.

Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
OE140	1	48"-40W	50"	9¼"	7¼"	26 lbs.	110-125V	60%	\$19.50
OE140	1	48"-40W	50"	9¼"	7¼"	26 lbs.	110-125V	90%	22.70

Prices do not include lamps.
OE fixtures come with 8 feet of rubber covered cord and plug. Asbestos covered wire may be had when specified.



Industrial Lighting Units



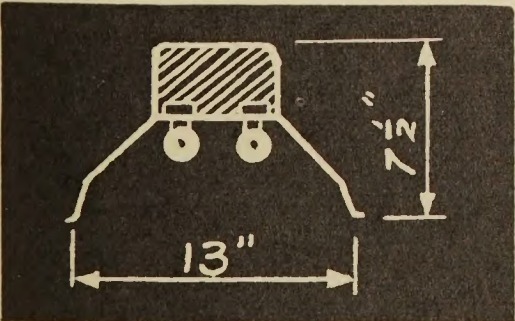
Model OE 240

Modernlite 2 Lamp Fluorescent Streamlumers

All Streamlumers are made of heavy 18 gauge porcelain enameled steel. Finished with one ground coat and two coats of separately fired special reflector white vitreous enamel, which give it a reflection factor of 78% to 82%. The steel housing is finished in grey baked enamel and mounted on back of the reflector which is finished in blue black porcelain. The housing contains louvers to permit air circulation.

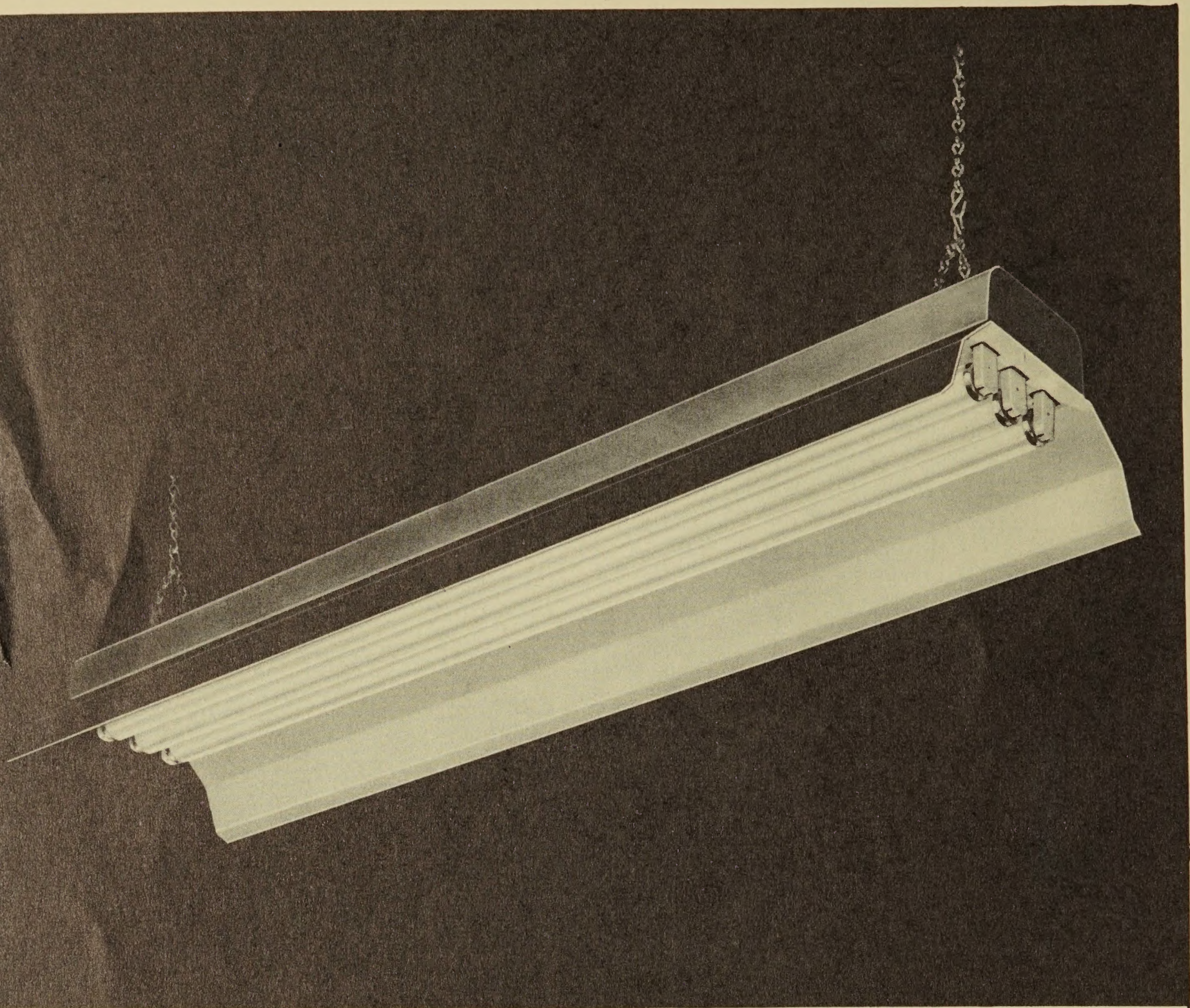
The angle of cut-off is 70 degrees when a point at the center of either outside lamp is connected by a straight line to the lower edge of the reflector on the opposite side.

Due to proper engineering and designing combined with the high reflection factor of the white porcelain enamel, proper placement of the lamps and other factors, an efficiency of 78% or more of the output of the lamps is accomplished.



Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
OE240	2	48"-40W	50"	13"	7 1/4"	35 lbs.	110-125V	95-100%	\$29.60

Price does not include lamps.
Modernlite OE fixtures come with 8 feet of rubber covered cord and plug. Asbestos covered wire may be had when specified.



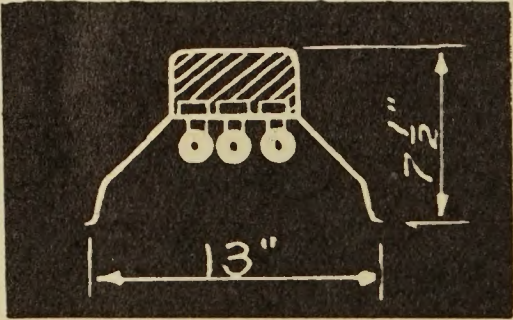
Models OE 340
Modernlite 3 Lamp Fluorescent Streamlumers

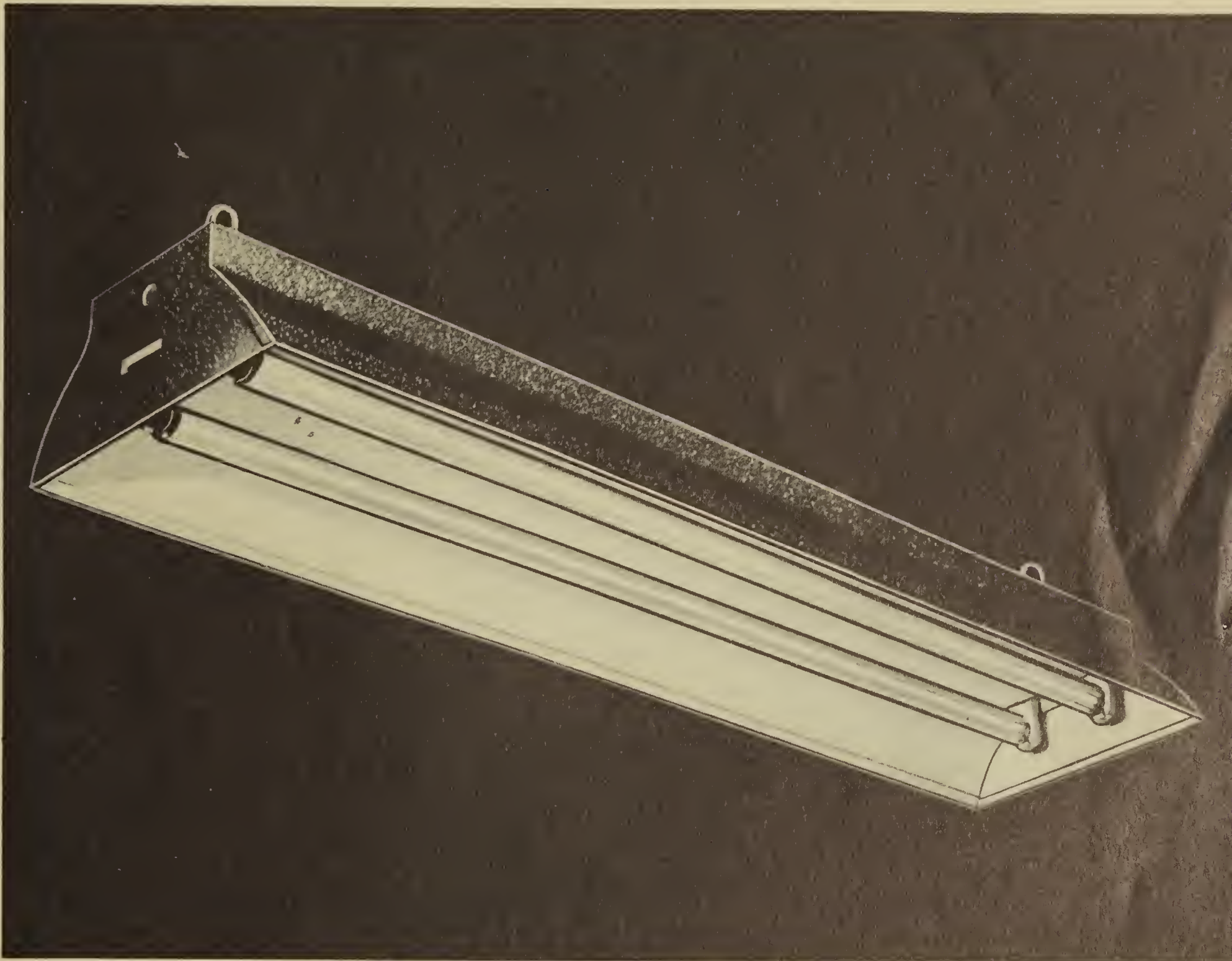
MODERNLITE Streamlumers have renewable starters, are installed in receptacles attached to the lampholders and are readily accessible at all times. Single or double chain supports can be attached to each end of the housing by angle mounting brackets that come with the unit. Thus the unit can be hung at any angle to suit the particular lighting need.

Where a rigid suspension is desired, the two conduit knockouts on the top of the housing of the hood can be utilized for the attachment of two rigid stems. All OE units are power factor corrected in accordance with the data shown. They are provided with individual pull chain switches. Ballast and control equipment are supplied with these units completely wired for ready usage.

Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
OE340	3	48"-40W	50"	13"	7½"	38 lbs.	110-125V	85%	\$37.90
OE340	3	48"-40W	50"	13"	7½"	38 lbs.	110-125V	95%	41.20

Prices do not include lamps.
OE fixtures come with 8 feet of rubber covered cord and plug. Asbestos covered wire may be had when specified.





Models "A"
Fluorescent Localized Industrial Units

The Model "A" *MODERNLITE* Fluorescent fixtures come in one and two lamp units.

They are streamline in appearance with closed ends and with louvers on the top of the housing to permit air circulation.

Finished in a dark grey crackle. The reflecting surface is a special high reflection quality baked white enamel.

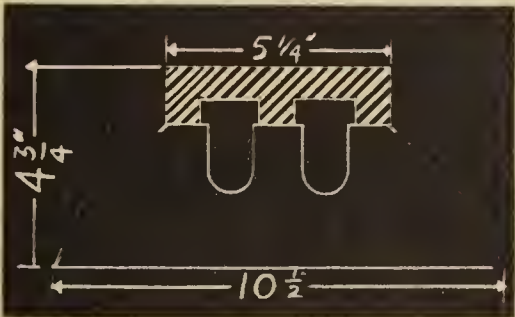
These fixtures are designed to give you the maxi-

mum amount of light with the least amount of wattage.

Fixture loops are provided at both ends of the housing for ready hanging.

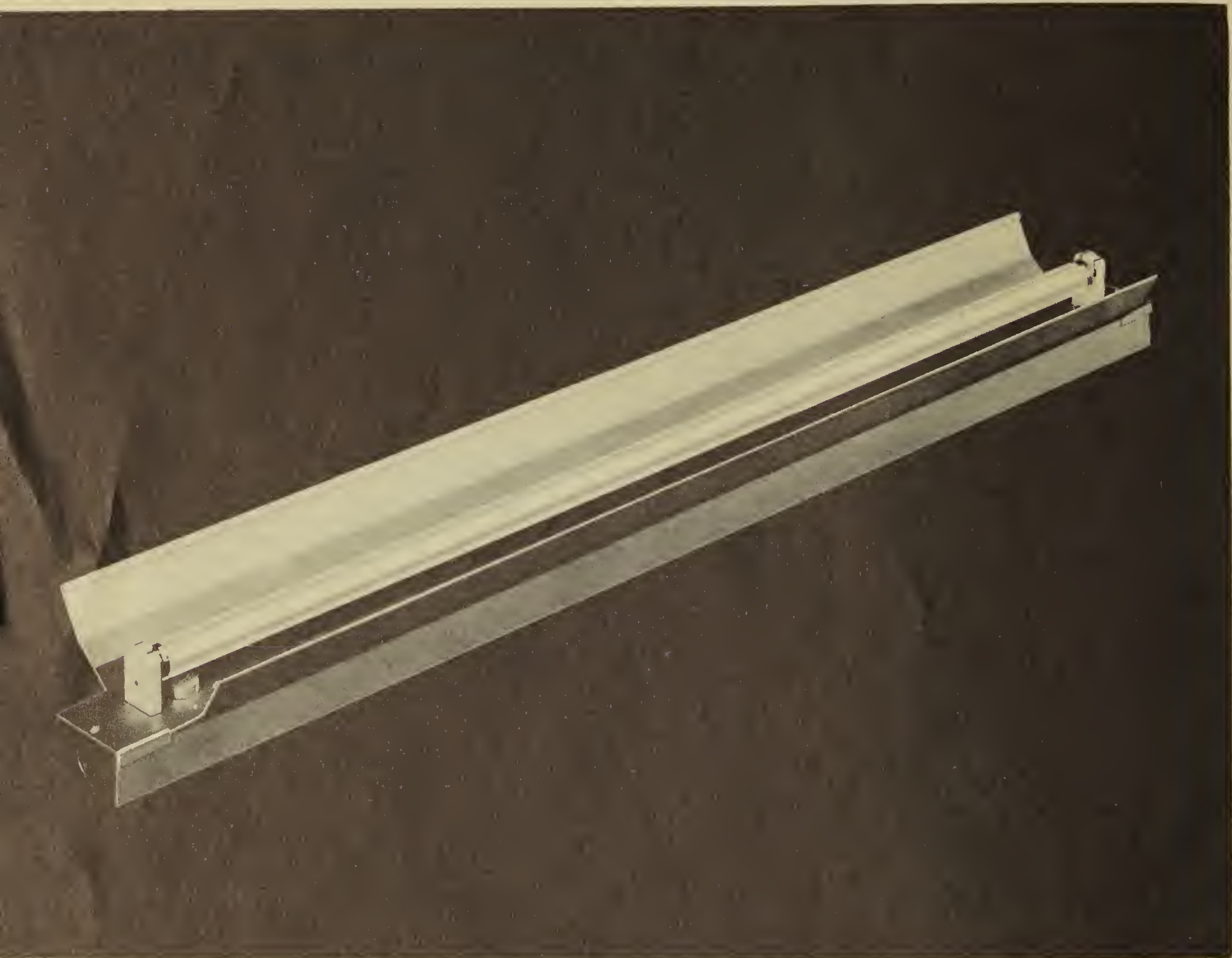
Our "A" type fixtures are ideal for all concentrated lighting needs and may be located over machines, tables and work benches or wherever good concentrated light is essential.

Each fixture is equipped with individual pull switch.



Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
A120	1	24"-20W	26"	6 1/2"	5"	12 lbs.	110-125V	60%	\$12.20
A120	1	24"-20W	26"	6 1/2"	5"	12 lbs.	110-125V	90%	15.55
A220	2	24"-20W	26"	10 1/2"	5"	18 lbs.	110-125V	60%	18.20
A220	2	24"-20W	26"	10 1/2"	5"	18 lbs.	110-125V	95-100%	24.50
A130	1	36"-30W	38"	6 1/2"	5"	17 lbs.	110-125V	60%	15.20
A130	1	36"-30W	38"	6 1/2"	5"	17 lbs.	110-125V	90%	18.40
A230	2	36"-30W	38"	10 1/2"	5"	25 lbs.	110-125V	60%	24.80
A230	2	36"-30W	38"	10 1/2"	5"	25 lbs.	110-125V	95-100%	30.60

Prices do not include lamps.



Models RH
Modernlite Fluorescent “Modernstrip” Wall Case Reflectors

The Model RH Modernstrip Fluorescent symmetric reflector is finished in the new amazing synchrome with an unsurpassed high quality of reflection.

The *MODERNLITE* symmetric reflector with its directional lighting may be used for lighting needs where concentrated light is desired and it is recommended for recessed lighting, directional cove light-

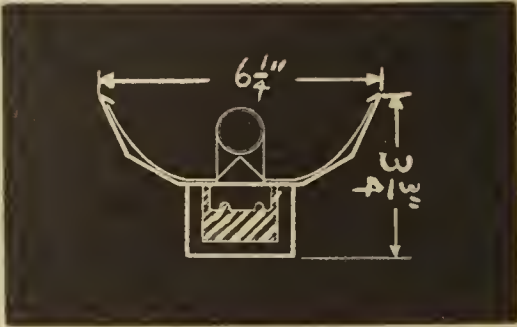
ing, wall cases, and other similar lighting requirements.

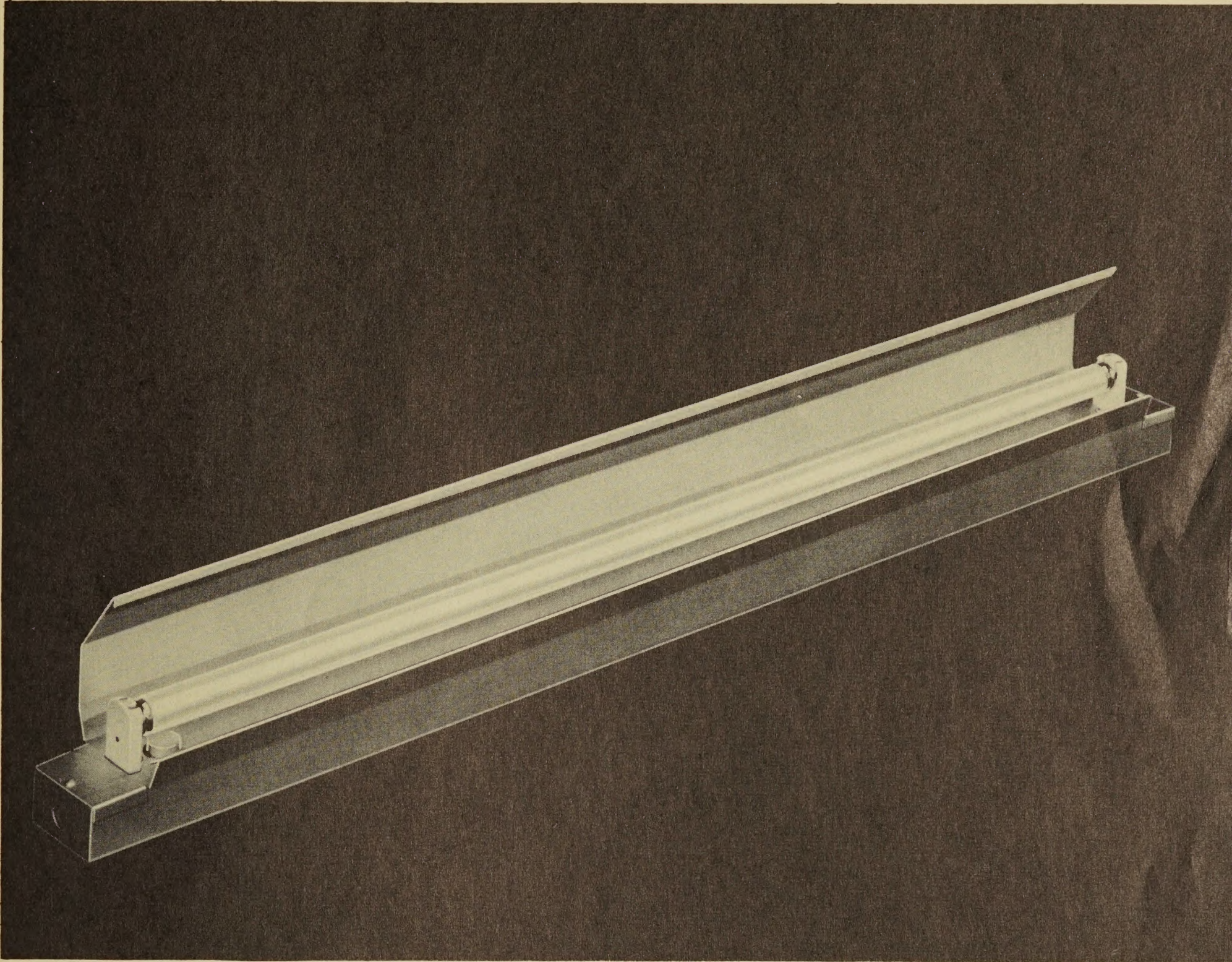
Available both in open ends as illustrated as well as closed ends. Outlet boxes at both ends are provided with knockouts for BX connectors.

Available in all sizes including 27", 39", 51" completely wired with auxiliaries ready to install or not wired as desired.

Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
RH20	1	24"-20W	27"	6¼"	3¾"	11 lbs.	110-125V	60%	\$10.95
RH20	1	24"-20W	27"	6¼"	3¾"	11 lbs.	110-125V	90%	14.30
RH30	1	36"-30W	39"	6¼"	3¾"	16 lbs.	110-125V	60%	15.40
RH30	1	36"-30W	39"	6¼"	3¾"	16 lbs.	110-125V	90%	18.60
RH40	1	48"-40W	51"	6¼"	3¾"	19 lbs.	110-125V	60%	17.25
RH40	1	48"-40W	51"	6¼"	3¾"	19 lbs.	110-125V	90%	20.80

Prices do not include lamps.
Special lengths for all lamp sizes available upon application.





Models XR

Modernlite Fluorescent “Modernstrip” Wall Case Reflectors

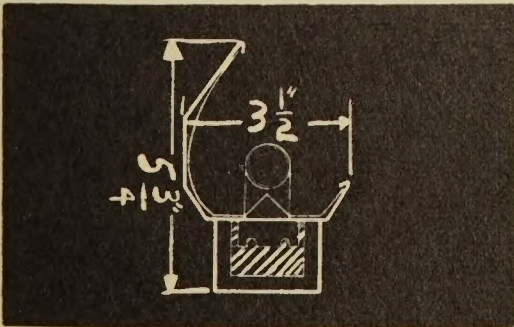
Model XR Modernstrip Fluorescent asymmetric reflector. Finished in the newest high reflecting quality synchrome with no shadows or glare.

The asymmetric reflector is most adaptable for use where top or side mounting is necessary and fluorescent is not exposed, from the outside.

Correctly illuminates show windows, display

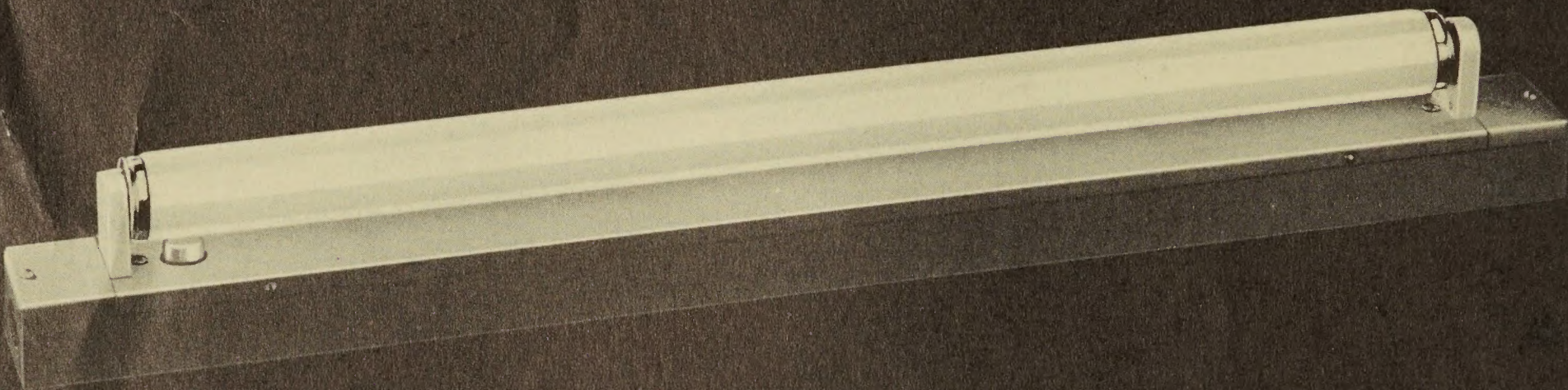
racks and other locations where vertical planes are to be lighted.

Our XR units come with open ends and are furnished with outlet boxes for BX connectors and are easily mounted. They are available in lengths of 27", 39" and 51" completely wired with auxiliaries ready to install or not wired as desired.



Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
XR20	1	24"-20W	27"	6 1/4"	3 3/4"	11 lbs.	110-125V	60%	\$10.95
XR20	1	24"-20W	27"	6 1/4"	3 3/4"	11 lbs.	110-125V	90%	14.30
XR30	1	36"-30W	39"	6 1/4"	3 3/4"	16 lbs.	110-125V	60%	15.40
XR30	1	36"-30W	39"	6 1/4"	3 3/4"	16 lbs.	110-125V	90%	18.60
XR40	1	48"-40W	51"	6 1/4"	3 3/4"	19 lbs.	110-125V	60%	17.25
XR40	1	48"-40W	51"	6 1/4"	3 3/4"	19 lbs.	110-125V	90%	20.80

Prices do not include lamps.
Special lengths for all lamp sizes available upon application.



Models HS
Modernlite's Fluorescent "Modernstrip"

Fluorescent "Modernstrip" is offered in a variety of types and sizes for every lighting need.

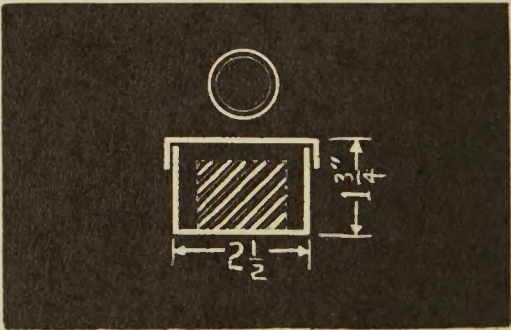
Model HS the reflectorless type, can be employed for a multiplicity of uses. They are especially suitable for show windows, letter lighting, coves and troughs, where there is a minimum of space available.

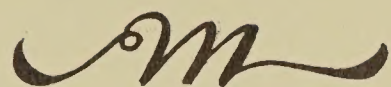
These units come in various lengths including 26", 38" and 50" and all are supplied with 1/2" knock-outs at both ends for BX connectors.

They are finished in sprayed aluminum and may be had completely wired, including auxiliaries, ready for use or not wired as desired.

Cat. No.	No. of Lamps	Lamp Size	Fixture Length	Fixture Width	Fixture Height	Approx. Ship'g Weight	Line Voltage	Approx. Power Factor	List Price
HS24	1	24"-20W	26"	2 1/2"	1 3/4"	7 lbs.	110-125V	60%	\$ 9.50
HS24	1	24"-20W	26"	2 1/2"	1 3/4"	7 lbs.	110-125V	90%	12.85
HS36	1	36"-30W	38"	2 1/2"	1 3/4"	10 lbs.	110-125V	60%	12.95
HS36	1	36"-30W	38"	2 1/2"	1 3/4"	10 lbs.	110-125V	90%	16.15
HS48	1	48"-40W	50"	2 1/2"	1 3/4"	11 lbs.	110-125V	60%	13.90
HS48	1	48"-40W	50"	2 1/2"	1 3/4"	11 lbs.	110-125V	90%	17.10

Prices do not include lamps.
Special lengths for all lamp sizes available upon application.





*The Efficiency, Economy and
Modernity of Fluorescent
Lighting is at its maximum in*

Modernlite
Fluorescent Units

Modern Light and Equipment Co.
1122 South Michigan Avenue, Chicago, Illinois
Telephone Wabash 3547

